

#21

PTO/SB/08A (04-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 3

**Complete if Known**

Application Number	10/015,868
Filing Date	December 12, 2001
First Named Inventor	Michael D. Hooven
Art Unit	3739
Examiner Name	Rosiland S. Kearney
Attorney Docket Number	0320-0017 (HOOV 117)

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
RL	1	US- 5,323,781	06-28-1994	Ideker et al.	
	2	US- 5,500,012	03-19-1996	Brucker et al.	
	3	US- 5,876,398	03-02-1999	Mulier et al.	
	4	US- 5,891,138	04-06-1999	Tu et al.	
	5	US- 5,897,554	04-27-1999	Chia et al.	
	6	US- 6,033,402	03-07-2000	Tu et al.	
	7	US- 6,064,902	05-16-2000	Haissaguerre et al.	
	8	US- 6,068,653	05-30-2000	LaFontaine	
	9	US- 6,113,595	09-05-2000	Muntermann	
	10	US- 6,117,101	09-12-2000	Diederich et al.	
	11	US- 6,123,703	09-26-2000	Tu et al.	
	12	US- 6,142,994	11-7-2000	Swanson et al.	
	13	US- 6,156,033	12-05-2000	Tu et al.	
	14	US- 6,193,713	02-27-2001	Geistert et al.	
	15	US- 6,292,678	09-18-2001	Hall et al.	
	16	US- 6,356,790	03-12-2002	Maguire et al.	
	17	US- 6,447,507	09-10-2002	Bednarek et al.	
	18	US- 6,474,340	11-05-2002	Vaska et al.	
	19	US- 6,488,678	12-03-2002	Sherman	

RECEIVED

DEC 10 2003

TECHNOLOGY CENTER R3700

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>

Examiner  
Signature

R. Collins

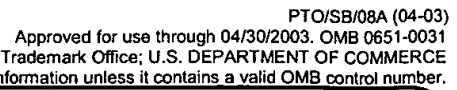
Date  
Considered

6/1/04

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



Substitute for form 1449/PTO

**(Use as many sheets as necessary)**

Sheet	2	of	3
-------	---	----	---

**Complete if Known**

Application Number	10/015,868
Filing Date	December 12, 2001
First Named Inventor	Michael D. Hooven
Art Unit	3739
Examiner Name	Rosiland S. Kearney
Attorney Docket Number	0320-0017 (HOOV 117)

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
22	20	US- 6,506,189	01-14-2003	Rittman, III et al.	
	21	US- 6,575,969	05-10-2003	Rittman, III et al.	
	22	US- 6,610,055	08-26-2003	Swanson et al.	
	23	US- 6,632,222	10-14-2003	Edwards et al.	
	24	US- 6,334,860	01-01-2002	Dorn	
	25	US- 2002/0002329 A1	01-03-2002	Avitall	
	26	US- 2002/0019629 A1	02-14-2002	Dietz et al.	
	27	US- 2002/0115990 A1	08-22-2002	Acker	
	28	US- 2002/0128643 A1	09-12-2002	Simpson et al.	
	29	US- 2002/0082595 A1	06-27-2002	Langberg et al.	
	30	US- 2002/0099364 A1	07-25-2002	Lalonde	
	31	US- 2003/0009094 A1	01-09-2003	Segner et al.	
	32	US- 2003/0028187 A1	02-06-2003	Vaska et al.	
	33	US- 2003/0060822 A1	03-27-2003	Schaer et al.	
	34	US- 2003/0069572 A1	04-10-2003	Wellman et al.	
	35	US- 2003/0069577 A1	04-10-2003	Vaska et al.	
	36	US- 2003/0078570 A1	04-24-2003	Heiner et al.	
	37	US- 2003/0078574 A1	04-24-2003	Hall et al.	
2	38	US- 2003/0093104 A1	05-15-2003	Bonner et al.	

[illegible]

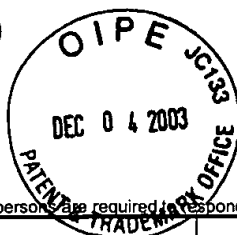
Examiner Signature	<i>[Signature]</i>
-----------------------	--------------------

Date Considered	10/1/04
-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.<sup>1</sup> Applicant's unique citation designation number (optional).<sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).<sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.<sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

*If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.*



PTO/SB/08A (04-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 3

of 3

**Complete if Known**

Application Number	10/015,868
Filing Date	December 12, 2001
First Named Inventor	Michael D. Hooven
Art Unit	3739
Examiner Name	Rosiland S. Kearney
Attorney Docket Number	0320-0017 (HOOV 117)

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
R	39	US- 2003/0097124 A1	05-22-2003	Lehmann et al.	
	40	US- 2003/0100895 A1	05-29-2003	Simpson et al.	
	41	US- 2003/0114844 A1	06-19-2003	Ormsby et al.	
	42	US- 2003/0120268 A1	06-26-2003	Bertolero et al.	
	43	US- 2003/0125726 A1	07-03-2003	Maguire et al.	
	44	US- 2003/0125730 A1	07-03-2003	Berube et al.	
	45	US- 2003/0130598 A1	07-10-2003	Manning et al.	
	46	US- 2003/0135207 A1	07-17-2003	Langberg et al.	
	47	US- 2003/0144657 A1	07-31-2003	Bowe et al.	
	48	US- 2003/0158548 A1	08-21-2003	Phan et al.	
	49	US- 2003/0171745 A1	09-11-2003	Francischelli et al.	
	50	US- 2003/0178032	9-25-2003	Ingle et al.	
	51	US- 2003/0050557	03-13-2003	Susil et al.	
	52	US- 5,125,928	06-30-1992	Parins et al.	
	53	US- 6,332,089	12-18-2001	Acker et al.	
	54	US- 6,540,740	04-01-2003	Lehmann et al.	
	55	US- 2002/0052602 A1	05-02-2002	Wang et al.	
	56	US- 2003/0045871 A1	03-06-2003	Jain et al.	
		US-			

RECEIVED

DEC 10 2003

TECHNOLOGY CENTER R3700

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

Examiner  
Signature

R. Rollins

Date  
Considered

6/1/04

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**Complete if Known**

*(Use as many sheets as necessary)*

Application Number	10/015,868
Filing Date	December 12, 2001
First Named Inventor	Michael D. Hooven
Art Unit	3739
Examiner Name	Rosiland S. Kearney
Attorney Docket Number	0320-0017 (HOOV 117)

[illegible][illegible]Date  
Considered

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

**If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.**

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of 3

**Complete if Known**

Application Number	10/015,868
Filing Date	December 12, 2001
First Named Inventor	Michael D. Hooven
Art Unit	3739
Examiner Name	Rosiland S. Kearney
Attorney Docket Number	0320-0017 (HOOV 117)

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
RL	1	US- 2,004,559	06-11-1935	Wappler, et al.	
	2	US- 3,470,875	10-07-1969	Johnson, et al.	
	3	US- 4,312,337	01-26-1982	Donohue, et al.	
	4	US- 5,033,477	07-23-1991	Chin, et al.	
	5	US- 5,071,428	12-10-1991	Chin et al.	
	6	US- 6,083,222	07-04-2000	Klien, et al.	
	7	US- 6,096,037	08-01-2000	Mulier, et al.	
	8	US- 6,443,970	09-03-2002	Schulze, et al.	
	9	US- 2002/0120263 A1	08-29-2002	Brown, Tony R. et al	
	10	US- 2003/0004507 A1	01-02-2003	Francischelli, et al	
	11	US- 2003/0073991 A1	04-17-2003	Francischelli, et al	
	12	US- 6,517,536	02-11-2003	Hooven, Michael D.	
	13	US- 6,546,935	04-15-2003	Hooven, Michael D.	
	14	US- 2003/0125729 A1	07-03-2003	Hooven, Michael D.	
	15	US- 2003/0093068 A1	03-15-2003	Hooven, Michael D.	
	16	US- 2003/0032952 A1	03-13-2003	Hooven, Michael D.	
	17	US- 2003/0018329 A1	01-23-2003	Hooven, Michael D.	
	18	US- 2002/0107514 A1	08-08-2002	Hooven, Michael D.	
	19	US- 2002/0115993 A1	08-22-2002	Hooven, Michael D.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Country Code <sup>2</sup> Number <sup>3</sup> Kind Code <sup>4</sup> (if known)			
RL	20	WO 02 / 087454 A1	11-07-2002	Medtronic, Inc.	

Examiner Signature *R. S. Kearney*

Date Considered

6/1/04

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/015,868
Filing Date	December 12, 2001
First Named Inventor	Michael D. Hooven
Art Unit	3739
Examiner Name	Rosiland S. Kearney
Attorney Docket Number	0320-0017 (HOOV 117)

Sheet 2 of 3**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
RP	21	US- 2002/0120316 A1	08-08-2002	Hooven, Michael D.	
	22	US- 2002/0103484 A1	08-01-2002	Hooven, Michael D.	
	23	US- 2002/0091384 A1	07-11-2002	Hooven, Michael D.	
	24	US- 2002/0091383 A1	07-11-2002	Hooven, Michael D.	
	25	US- 2002/0091382 A1	07-11-2002	Hooven, Michael D.	
	26	US- 2002/0032440 A1	03-14-2002	Hooven, Michael D.	
	27	US- 2001/0031961 A1	10-18-2001	Hooven, Michael D.	
	28	US- 6,488,680	12-03-2002	Francischelli et al.	
	29	US- 6,267,761	07-31-2001	Ryan	
	30	US- 6,273,887	08-14-2001	Yamauchi et al.	
	31	US- 6,296,640	10-02-2001	Wampler et al.	
	32	US- 6,391,024	05-21-2002	Sun et al.	
	33	US- 2001/0039419 A1	11-08-2001	Francischelli et al.	
	34	US- 6,277,117	08-21-2001	Tetzlaff et al.	
		US-			
		US-			
		US-			
		US-			
		US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>2</sup> -Number <sup>3</sup> -Kind Code <sup>4</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>5</sup>
RP	35	WO 01/82812 A1	11-08-2001	Medtronic, Inc.		
	36	WO 01/82813 A2	11-08-2001	Medtronic, Inc.		
	37	WO 01/82813 A3	11-08-2001	Medtronic, Inc.		

Examiner  
Signature*R. Pollins*Date  
Considered*6/01/04*

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

